

# Eazeo products

## EAZEEO 4-input switcher system



### Four-camera switcher system

The Eazeo switchers have inputs for up to four cameras and provide an all-in-one solution for observation in small- to medium-sized businesses such as retail stores.

The monitor displays sequential full-screen images, and any camera image can be manually selected. The picture in picture feature allows a second camera or sequence to be simultaneously viewed.

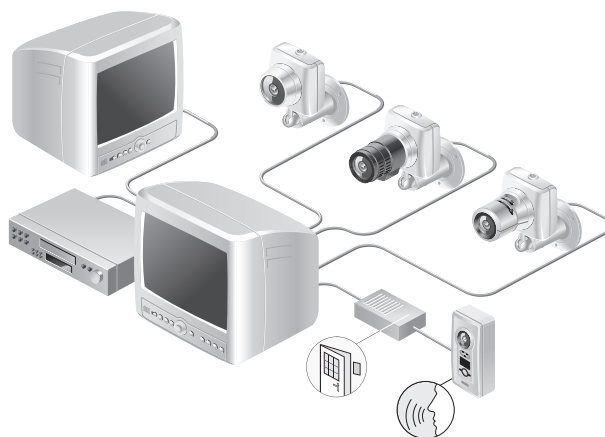
The switcher also features alarm handling for which dedicated accessories are available. Alarms triggered by external sensors or built-in video motion detection will automatically pop up the corresponding camera. A system based on the switcher is expandable to include intercom facilities with remote door opening. An optional remote control unit is available to operate the monitor. Eazeo is backed by a three-year warranty and an advanced replacement program. A helpdesk is available for your assistance.

For a full product overview see "Your guide to observation".

### Features

- Color for better recognition and identification
- Full-screen observation with up to four cameras
- Picture in picture for viewing second camera
- Intuitive user interface for trouble free installation and operation

### Installation/Configuration Notes



### Color Observation System

| Technical Specifications               |                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------|
| Switcher VSS7390 (PAL) / VS7390 (NTSC) |                                                                                                         |
| Picture tube                           | 14-inch (13-inch viewable)                                                                              |
| Resolution                             | 320 TVL (PAL) / 290 TVL (NTSC)                                                                          |
| TV standard                            | PAL: 625 lines, 50 Hz, 2:1                                                                              |
| Supply voltage                         | 100 - 240 VAC +/-10%, 50 / 60 Hz                                                                        |
| Power consumption                      | <75 W max. (without cameras)                                                                            |
| Camera power supply                    | 24 to 32 VDC, short-circuit protected                                                                   |
| System synchronization                 | Monitor locks to the mains<br>Cameras lock to H and V of the monitor                                    |
| Camera inputs                          | 4, system interface                                                                                     |
| Slave monitor output                   | 1, system interface                                                                                     |
| Audio                                  | 1-way, from cameras<br>2-way with optional intercom unit                                                |
| Microphone sensitivity                 | 46 dB SPL @ 1 kHz                                                                                       |
| Audio speaker                          | 500 mW rated, 1000 mW max.                                                                              |
| Frequency range                        | 300 Hz - 3 kHz                                                                                          |
| Alarm output                           | Relay, NO/NC contact<br>(4-pole connector block)<br>Contact rating 24 VAC or DC, 2A                     |
| Aux/VCR in/out                         | BNC for video<br>(1 Vpp, input impedance 75 Ohm)<br>RCA for audio<br>(0.5 Vpp, input impedance 10 kOhm) |
| System cable                           | 4-wire dual twisted pair<br>1 twist/inch, loop resistances<br>max 16 Ohm at 100 m / 300 ft.             |
| Max. cable length                      | 200 m (300 m with interface box)<br>600 ft. (900 ft. with interface box)                                |
| Weight                                 | Approx. 9.5 kg / 21 lbs.                                                                                |
| Dimensions<br>(H x W x D)              | 325 x 364 x 368 mm<br>(14.3 x 12.8 x 14.4 inch)                                                         |
| Operating temperature                  | +5°C ...+45°C / 41°F...113°F                                                                            |
| Storage temperature                    | -25°C ...+70°C / -13°F...158°F                                                                          |

| Options      |             |                                                                 |
|--------------|-------------|-----------------------------------------------------------------|
| PAL          | NTSC        |                                                                 |
| VCM7C130/00T | VC7C1305T   | Color camera, integrated 3 mm fixed lens                        |
| VCM7C230/00T | VC7C2305T   | Color camera, integrated 3-6 mm varifocal lens                  |
| VCM7C272/00T | VC7C2725T   | Color camera, CS-mount 2.8-10 mm varifocal DC-iris lens         |
| VCM7C275/00T | VC7C2755T   | Color camera, CS-mount 5-50 mm varifocal DC-iris lens           |
| VCM7B272/00T | VC7B2725T   | B/W camera, CS-mount 3.5-8 mm varifocal DC-IRIS lens            |
| VCM7D130/00T | VC7D1305T   | Color mini-dome, integrated 3 mm fixed lens                     |
| VCM9736/10T  | VC973650T   | Covert color camera, PIR housing (no audio)                     |
| VCM9736/11T  | VC973651T   | Covert color camera, smoke detector housing (no audio)          |
| VSS9490/90   | VS9490/91T  | Color slave monitor                                             |
| VCM1353/00T  | VCM1353/00T | Outdoor and weatherproof camera housing                         |
| VCM7H272/00T | VC7H2725T   | Outdoor camera assembly, VCM1353/00T + VCM7C272/00T / VC7C2725T |
| VCM7915/00T  | VC79155T    | Outdoor video intercom unit                                     |
| RC283511/01  | RC283511/01 | Remote control                                                  |
| VSS7902/00T  | VS79025T    | Alarm/Action box                                                |

#### Ordering Information

##### Model & Description

VSS7390/11T or /U

PAL Color switcher monitor + 1 camera VCM7C130/00T

VS7390/11T

NTSC Color switcher monitor + 1 camera VC7C1305T

VSS7390/21T or /U

PAL Color switcher monitor + 1 camera VCM7C230/00T

VS7390/21T

NTSC Color switcher monitor + 1 camera VC7C2305T

VSS7390/31T or /U

PAL Color switcher monitor + 1 camera VCM7C272/00T

VS7390/31T

NTSC Color switcher monitor + 1 camera VC7C2725T

VSS7390/41T or /U

PAL Color switcher monitor + 1 camera VCM7D130/00T

VS7390/41T

NTSC Color switcher monitor + 1 camera VC7D1305T

## EAZEEO 8-input multiplexer system



### Eight-camera multiplexer system

The Eazeo multiplexer has inputs for up to eight cameras and is an all-in-one solution for observation in small- to medium-sized businesses such as retail stores. The monitor displays images in various screen formats, including full-screen, four cameras in real-time quad (2x2) and eight cameras in a 3x3 matrix. All eight images can be recorded in full-screen format using an analog or Digital Video Recorder.

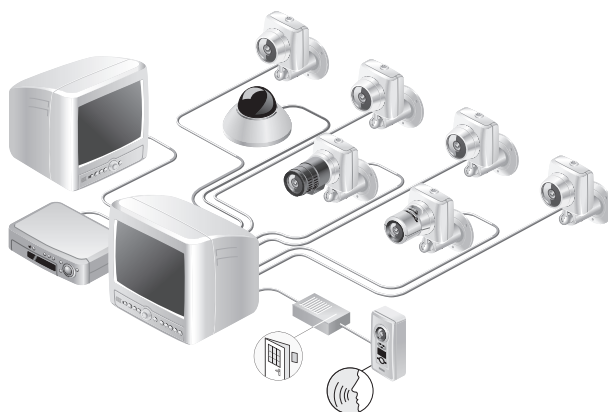
The multiplexer also accommodates intercom facilities (with snapshot feature for viewing visitors) and remote door opening plus alarm handling for which dedicated accessories are available. Alarms triggered by external sensors or the built-in video motion detection will automatically pop up the corresponding camera. On an alarm, the event replay will display crucial pre- and post-alarm images. An optional remote control unit is available to operate the monitor. Eazeo is backed by a three-year warranty and an advanced replacement program. A helpdesk is available for your assistance.

For a full product overview see "Your guide to observation".

### Features

- Integrated full-duplex eight camera multiplexer
- Multi-screen viewing with simultaneous full-screen recording of all cameras
- Real-time quad mode
- Motion detection with event replay
- Intuitive user interface for trouble free installation and operation
- Optimized for recording applications

### Installation/Configuration Notes



*Color Observation System*

| Technical Specifications                      |                                                                                                                                                            |                                                               |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Multiplexer VSS8394/10T (PAL) / VS8394 (NTSC) |                                                                                                                                                            |                                                               |
| Picture tube                                  | 14-inch (13-inch viewable)                                                                                                                                 |                                                               |
| Resolution                                    | 320 TVL (PAL) / 290 TVL (NTSC)                                                                                                                             |                                                               |
| TV standard                                   | PAL: 625 lines, 50 Hz, 2:1                                                                                                                                 |                                                               |
|                                               | NTSC: 525 lines, 60 Hz, 2:1                                                                                                                                |                                                               |
| Supply voltage                                | 100-240 VAC +/-10%, 50/60 Hz                                                                                                                               |                                                               |
| Power consumption                             | <90 W max. (without cameras)                                                                                                                               |                                                               |
| Camera power supply                           | 24 to 32 VDC, short-circuit protected                                                                                                                      |                                                               |
| System synchronization                        | Monitor locks to the mains Cameras lock to H and V of the monitor                                                                                          |                                                               |
| Camera inputs                                 | 8, system interface                                                                                                                                        |                                                               |
| Slave monitor output                          | 1, system interface                                                                                                                                        |                                                               |
| Audio                                         | 1-way, from cameras                                                                                                                                        |                                                               |
|                                               | 2-way with optional intercom unit                                                                                                                          |                                                               |
| Microphone sensitivity                        | 46 dB SPL @ 1 kHz                                                                                                                                          |                                                               |
| Audio speaker                                 | 500 mW rated, 1000 mW max.                                                                                                                                 |                                                               |
| Frequency range                               | 300 Hz - 3 kHz                                                                                                                                             |                                                               |
| Alarm output                                  | Relay, NO/NC contact (4-pole connector block)<br>Contact rating 24 VAC or DC, 2 A                                                                          |                                                               |
| Aux/VCR in/out                                | BNC for video (1 Vpp, input impedance 75 Ω)<br>RCA for audio (0.5 Vpp, input impedance 10 kΩ)<br>Vext. input (input for camera switch pulse from recorder) |                                                               |
| System cable                                  | 4-wire dual twisted pair<br>1 twist/inch, loop resistances<br>max 16 Ohm at 100 m / 300 ft.                                                                |                                                               |
| Max. cable length                             | 200 m (300 m with interface box)<br>600 ft. (900 ft. with interface box)                                                                                   |                                                               |
| Weight                                        | Approx. 9.5 kg / 21 lbs.                                                                                                                                   |                                                               |
| Dimensions                                    | 325 x 364 x 368 mm (14.3 x 12.8 x 14.4 inch)                                                                                                               |                                                               |
| Operating temp.                               | +5°C ...+45°C / 41°F ...113°F                                                                                                                              |                                                               |
| Storage temp.                                 | -25°C ...+70°C / -13°F ...158°F                                                                                                                            |                                                               |
| Ambient humidity                              | 5% to 95% RH                                                                                                                                               |                                                               |
| Options                                       |                                                                                                                                                            |                                                               |
| PAL                                           | NTSC                                                                                                                                                       |                                                               |
| VCM7C130/00T                                  | VC7C1305T                                                                                                                                                  | Color camera, integrated<br>3 mm fixed lens                   |
| VCM7C230/00T                                  | VC7C2305T                                                                                                                                                  | Color camera, integrated<br>3-6 mm varifocal lens             |
| VCM7C272/00T                                  | VC7C2725T                                                                                                                                                  | Color camera, CS-mount<br>2.8-10 mm varifocal DC-IRIS<br>lens |
| VCM7C275/00T                                  | VC7C2755T                                                                                                                                                  | Color camera, CS-mount<br>5-50 mm varifocal DC-IRIS<br>lens   |
| VCM7B272/00T                                  | VC7B2725T                                                                                                                                                  | B/W camera, CS-mount<br>3.5-8 mm varifocal DC-IRIS<br>lens    |
| VCM7D130/00T                                  | VC7D1305T                                                                                                                                                  | Color mini-dome, integrated<br>3 mm fixed lens                |
| VCM9736/10T                                   | VC973650T                                                                                                                                                  | Covert color camera,<br>PIR housing (no audio)                |

| Options      |             |                                                              |
|--------------|-------------|--------------------------------------------------------------|
| VCM9736/11T  | VC973651T   | Covert color camera, smoke detector housing (no audio)       |
| VCM1353/00T  | VCM1353/00T | Outdoor and weatherproof camera housing                      |
| VCM7H272/00T | VC7H2725T   | Outdoor camera assembly VCM1353/00T + VCM7C272/00T/VC7C2725T |
| VSS9490/90   | VS9490/91T  | Color slave monitor                                          |
| RC283511/01  | RC283511/01 | Remote control                                               |
| VCM7915/00T  | VC79155T    | Outdoor video intercom unit                                  |
| VSS7902/00T  | VS79025T    | Alarm/Action box                                             |

### Ordering Information

#### Model & Description

VSS8394/10T or /U

PAL Color multiplexer monitor without any camera

VS8394/11T

NTSC Color multiplexer monitor + camera VC7C1305T

VSS8394/14T or /U

PAL Color multiplexer monitor + 4 cameras VCM7C130/00T

VS8394/14T

NTSC Color multiplexer monitor + 4 cameras VC7C1305T

VS8394/21T

NTSC Color multiplexer monitor + camera VC7C2305T

VS8394/31T

NTSC Color multiplexer monitor + camera VC7C2725T

VSS8394/34T or /U

PAL Color multiplexer monitor + 4 cameras VCM7C272/00T

VS8394/34T

NTSC Color multiplexer monitor + 4 cameras VC7C2725T

VS8394/41T

NTSC Color multiplexer monitor + camera VC7D1305T

VSS8394/44T or /U

PAL Color multiplexer monitor + 4 cameras VCM7D130/00T

VS8394/44T

NTSC Color multiplexer monitor + 4 cameras VC7D1305T

VSS8394/94T or /U

PAL Color multiplexer monitor + VCR RT30A/51 + 4 cameras VCM7C130/00T

VS8394/94T

NTSC Color multiplexer monitor + VCR RT30A/61 + 4 cameras VC7D1305T

VSS8394/74T or /U

PAL Color multiplexer monitor + DVR1B1161 + 4 cameras VCM7C130/00T

VS8394/74T

NTSC Color multiplexer monitor + DVR1B1161 + 4 cameras VC7C1305T

## EAZEO Outdoor Video Intercom



This compact, attractively designed outdoor video intercom unit provides a convenient solution to the need for visual identification of visitors with simultaneous two-way voice communication. Both color camera and microphone/loudspeaker are integrated in a single unit which can be surface- or flush-mounted in a convenient position near to the door or other entry point.

The tri-color LED gives a clear indication of the intercom status: green for stand-by, orange when the doorbell button is pressed and the microphone is activated, and red when the talk button at the monitor side is pressed and the loudspeaker is activated. Additionally available is a separate alarm/action box which allows opening of external units such as doors and barriers or interfacing to an external alarm sensor.

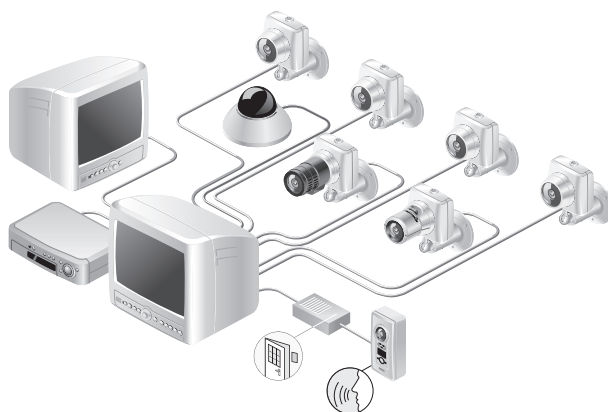
Installation is quick and easy, with a single dual twisted pair cable carrying power, communication and video/audio signals connecting the outdoor video intercom with the Eazeo system monitor.

For a full product overview see "Your guide to observation".

### Features

- Color camera and two-way voice communication
- Doorbell button with microphone activation and backlit nameplate
- Additional separate alarm/action box to control external devices
- Surface- or flush-mounting
- Weatherproof, vandal-resistant, dust- and water-resistant (IP54)
- Simple, single-cable (dual twisted pair) connection

### Installation/Configuration Notes



*Color Observation System*

| Technical Specifications    |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| Electrical                  |                                                                                 |
| Power supply                | 24 VDC via dual twisted-pair system cable                                       |
| Power consumption           | <3.5 W                                                                          |
| System connection           | Signal TP cable, 4-pole RJ11E<br>(video, audio, power, communication)           |
| Intercom                    |                                                                                 |
| Two-way audio               | Baseband audio 300 Hz - 3 kHz                                                   |
| Loudspeaker                 | Polycarbonate membrane, impedance 50 ohm<br>max. output power 180 mW            |
| Microphone                  | Integrated with loudspeaker, sensitivity<br>76 ±2 dB, 0.1 W/m, impedance 50 Ohm |
| Doorbell                    | On front of unit. Activates microphone and<br>camera when pressed               |
| Camera                      |                                                                                 |
| Sensor                      | 1/4-inch color CCD                                                              |
| Number of pixels            | 500 (H) x 582 (V) interlaced (PAL)<br>510 (H) x 492 (V) interlaced (NTSC)       |
| Horizontal resolution       | 320 TVL                                                                         |
| Light sensitivity           | <2 lux (50 IRE, 100% scene reflection)                                          |
| Lens type                   | 3 mm fixed focus lens, f 2.0                                                    |
| AGC range                   | Automatic                                                                       |
| Electrical shutter<br>range | 1/50 to 1/100,000 sec.                                                          |
| Backlight<br>compensation   | Weighting window in center of picture<br>Window size 33 - 40% of picture height |
| White balance               | Automatic, 2500 to 9000K                                                        |
| Environmental               |                                                                                 |
| Operational<br>temperature  | -20°C ...+50°C / -4°F ...+122°F                                                 |
| Storage temperature         | -25°C ...+70°C / -13°F ...+158°F                                                |
| Operational humidity        | 20 to 95%                                                                       |
| Storage humidity            | 0 to 95%                                                                        |
| Intercom unit<br>dimensions | 80 x 163 x 65 mm / 3.1 x 6.4 x 2.5 in.                                          |
| Weight                      | 0.51 kg / 1.12 lbs.                                                             |

## Ordering Information

## Model &amp; Description

VSS7915/00T

Outdoor Video Intercom unit PAL

VS79155T

Outdoor Video Intercom unit NTSC

## EAZEEO DVR



The Eazeo Digital Video Recorder (DVR1B1161) brings advanced recording and playback technology to the Eazeo color observation system. The DVR allows uninterrupted recording in either continuous or time-lapse modes for as long as a week or more. There are no video tapes to change and store, and frequent, costly VCR maintenance is eliminated.

Digital technology allows any desired events to be retrieved and viewed virtually instantly, with a choice of easy-to-use search methods. Pictures and clips can be exported to Compact Flash media using the built-in card slot, allowing convenient storage and viewing on a PC.

Operation is easy and intuitive, with simple VCR-like controls and a clear on-screen menu for setup and timer functions. Specific security features include automatic pre- and post-alarm record modes, alarm input and output connections and multi-level password protection for viewing and setup functions.

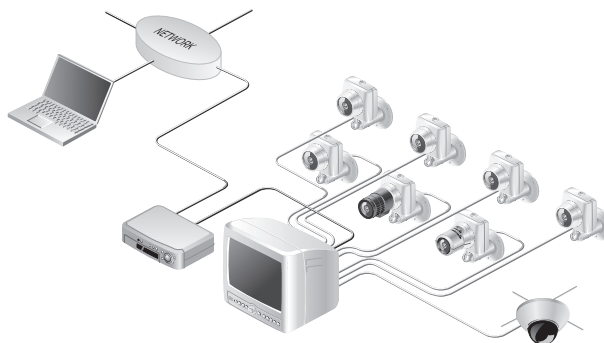
Meeting the need for network integration, the Eazeo DVR has TCP/IP connectivity allowing remote, web-based viewing using a standard web browser. Also provided is an RS-232 interface for remote control.

For a full product overview see "Your guide to observation".

### Features

- Superior image and audio quality through digital recording
- Quick search by date/time, alarm events and recording list
- Easy jog/shuttle playback control
- Built-in display
- Export pictures and clips to Compact Flash cards
- Uninterrupted recording for one week or longer
- Remote viewing of recordings and live pictures via Web browser

### Installation/Configuration Notes



*Color observation system*

| Technical Specifications  |                                                                |
|---------------------------|----------------------------------------------------------------|
| Electrical                |                                                                |
| Video format              | PAL / NTSC                                                     |
| Video input               | 1 camera input (BNC), 1 Vpp, 75 Ohm                            |
| Video output              | 1 video output (BNC) for main monitor,<br>1 Vpp, 75 Ohm        |
| Video                     | Compression M-JPEG                                             |
| Video                     | Resolution 720 x 576 (PAL)                                     |
| Video display             | Full display for live and playback                             |
| Audio connectors          | 2 mono (MIC) inputs, 1.6 Vpp                                   |
|                           | 2 mono (speaker) outputs, 1.6 Vpp                              |
| Alarm input               | Yes                                                            |
| Alarm output              | Yes (max. 24 Vdc / 2 Adc)                                      |
| HDD storage               | 160 GB                                                         |
| Recording mode            | Continuous, time-lapse,<br>schedule or event recording         |
| Recording rate            | 25 images/sec. (PAL)                                           |
|                           | 30 images/sec. (NTSC)                                          |
| Playback rate             | 25 images/sec. (PAL)                                           |
|                           | 30 images/sec. (NTSC)                                          |
| Playback search           | Date/time, recording list or event(alarm)                      |
| Video loss                | Detection Yes                                                  |
| Event log                 | Yes                                                            |
| User interface            | Menu-driven                                                    |
| Setup                     | By on-screen display menu                                      |
| User input device         | Front panel keypad, remote control<br>(IR with wired receiver) |
| Image export              | Built-in Compact Flash slot                                    |
| Security                  | Password protection                                            |
| Power supply              | 100 - 240 VAC, 50/60 Hz                                        |
| Power consumption         | < 40 W                                                         |
| Titles                    | 12-character title generator                                   |
| Timer                     | Weekly timer, built-in real time clock                         |
| Network connection        | TCP/IP via Ethernet, RJ45 connector                            |
| Control connection        | RS-232, 9-pin D-Sub connector                                  |
| Dimensions<br>(W x H x D) | 346 x 88 x 269 mm / 13.6 x 3.5 x 10.5 inch                     |
| Weight                    | 5.2 kg / 11.5 lbs.                                             |
| Operating temp.           | +0°C to +40°C (+32°F to +104°F)                                |

## Ordering Information

## Model &amp; Description

DVR1B1161

EAZE0 Digital Video Recorder

## EAZEO Cameras, Digital Color and B/W Series



### Focused on optimum security

The innovative Eazeo digital color and black & white cameras deliver superb picture quality thanks to excellent light sensitivity and enhanced color, sharpness and contrast. They are the perfect solution for optimizing identification and recognition in security monitoring.

For indoor applications there is a choice of cameras with integrated lens, integrated varifocal lens and mini-dome. For outdoor use or aiming at a doorway where light levels may vary, cameras with CS-mount and varifocal DC iris lenses are available. Varifocal lenses allow the field of view to be adjusted on-site.

These cameras also feature advanced functions like video motion detection (with selectable area and sensitivity) and adjustable field of view. They have automatic backlight and cable length compensation. Connections are made using the system cables supplied. Eazeo cameras are backed by a three-year warranty and an advanced replacement program. A helpdesk is available for your assistance.

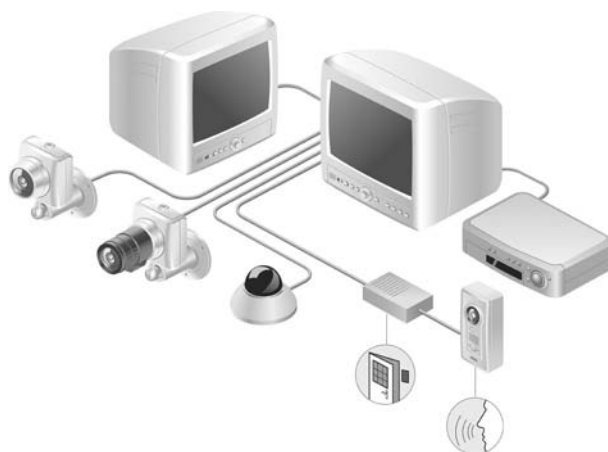
For a full product overview see "Your guide to observation".

### Features

#### The digital 'eyes' of your observation system

- Digital color and black & white cameras with superb picture quality
- Automatic cable length compensation
- Video motion detection
- Adjustable field of view
- Backlight compensation
- Wide range of camera lens and housing combinations

### Installation/Configuration Notes



*Digital cameras for color observation system*

| Technical Specifications                 |                                                                                       |                                                      |
|------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------|
| Digital color observation system cameras |                                                                                       |                                                      |
| Sensor                                   | 1/4" Color or B/W CCD                                                                 |                                                      |
| Number of pixels                         | 500 (H) x 582 (V) for PAL – interlaced                                                |                                                      |
|                                          | 510 (H) x 492 (V) for NTSC – interlaced                                               |                                                      |
| Horizontal resolution                    | Color: 320 TVL                                                                        |                                                      |
|                                          | B/W: 380 TVL                                                                          |                                                      |
| Light sensitivity                        | Color: < 2 lux, B/W: < 0.2 lux, (50 IRE, 100% scene reflection)                       |                                                      |
| Connection TP                            | 4-pole RJ11E (Video, Audio, Power, Communication)                                     |                                                      |
| Input voltage                            | 24 VDC                                                                                |                                                      |
| Power consumption                        | < 2 W                                                                                 |                                                      |
| AGC range                                | Automatic                                                                             |                                                      |
| Electronic shutter range                 | 1/50 sec. to 1/100,000 sec.                                                           |                                                      |
| Backlight compensation                   | Weighting window in center of picture<br>Window size between 33-40% of picture height |                                                      |
| Audio output                             | Built-in electret microphone 300 Hz–4 kHz                                             |                                                      |
| White balance                            | Automatic 2500-9000K<br>(only for color cameras)                                      |                                                      |
| <b>Lens type: PAL</b>                    | <b>NTSC</b>                                                                           |                                                      |
| VCM7B272/00T                             | VC7B2725T                                                                             | 3.5-8 mm CS-mount varifocal DC iris lens, f 1.4-200  |
| VCM7C130/00T                             | VC7C1305T                                                                             | 3 mm fixed focal lens, f 2.0                         |
| VCM7C230/00T                             | VC7C2305T                                                                             | 3-6 mm varifocal lens, f 1.2                         |
| VCM7C272/00T                             | VC7C2725T                                                                             | 2.8-10 mm CS-mount varifocal DC iris lens, f 1.4-360 |
| VCM7C275/00T                             | VC7C2755T                                                                             | 5-50 mm CS-mount varifocal DC iris lens, f 1.7-360   |
| VCM7D130/00T                             | VC7D1305T                                                                             | 3 mm fixed focus lens, f 2.0                         |
| <b>Weight: PAL</b>                       | <b>NTSC</b>                                                                           |                                                      |
| VCM7C130/00T                             | VC7C1305T                                                                             | approx. 0.25 kg (0.55 lbs.)                          |
| VCM7C230/00T                             | VC7C2305T                                                                             | approx. 0.25 kg (0.55 lbs.)                          |
| VCM7C272/00T                             | VC7C2725T                                                                             | approx. 0.25 kg (0.55 lbs.)                          |
| VCM7C275/00T                             | VC7C2755T                                                                             | approx. 0.34 kg (0.75 lbs.)                          |
| VCM7D130/00T                             | VC7D1305T                                                                             | approx. 0.31 kg (0.68 lbs.)                          |
| <b>Dimensions:</b>                       | <b>NTSC</b>                                                                           | <b>(HxWxD)</b>                                       |
| <b>PAL</b>                               |                                                                                       |                                                      |
| VCM7B272/00T                             | VC7C1305T                                                                             | 74x70x65 mm / 2.9x2.8x2.6 in.                        |
| VCM7C230/00T                             | VC7C2305T                                                                             | 74x70x85 mm / 2.9x2.8x3.3 in.                        |
| VCM7C272/00T                             | VC7C2725T                                                                             | 74x70x105 mm / 2.9x2.8x3.7 in.                       |
| VCM7C275/00T                             | VC7C2755T                                                                             | 74x70x115 mm / 2.9x2.8x4.5 in.                       |
| VCM7D130/00T                             | VC7D1305T                                                                             | Ø 115x80 (H) / 4.5x3.1 in.                           |
| Operational temperature                  | -10°C ...45°C / 14°F ...113°F                                                         |                                                      |
| Storage temperature                      | -25°C ...70°C / -13°F ...158°F                                                        |                                                      |
| Relative humidity                        | 0% to 95% RH (Non-condensing)                                                         |                                                      |
| Add-ons                                  | Cable 15 m (45 ft.)<br>(4-wire dual twisted pair) Mono-pod                            |                                                      |

| Models         |               |                                                                   |
|----------------|---------------|-------------------------------------------------------------------|
| <b>PAL</b>     | <b>NTSC</b>   |                                                                   |
| VCM7B272/00T   | VC7B2725T     | B/W camera with CS-mount varifocal DC iris lens (3.5-8 mm)        |
| VCM7C130/00T   | VC7C1305T     | Color camera with integrated lens (3 mm)                          |
| VCM7C230/00T   | VC7C2305T     | Color camera with integrated varifocal lens (3-6 mm)              |
| VCM7C272/00T   | VC7C2725T     | Color camera with CS-mount varifocal DC iris lens (2.8-10 mm)     |
| VCM7C275/00T   | VC7C2755T     | Color camera with CS-mount varifocal DC iris lens (5-50 mm)       |
| VCM7D130/00T   | VC7D1305T     | Color mini-dome camera with 3 mm lens                             |
| Options        |               |                                                                   |
| <b>PAL</b>     | <b>NTSC</b>   |                                                                   |
| VSS7390/series | VS7390 series | Color switcher monitor                                            |
| VSS8394/series | VS8394 series | Color multiplexer monitor                                         |
| VSS9490/series | VS9490/91T    | Color slave monitor                                               |
| VCM9736/10T    | VC973650T     | Covert color camera, PIR housing (no audio)                       |
| VCM9736/11T    | VC973651T     | Covert color camera, smoke detector housing (no audio)            |
| RC283511/01    | RC283511/01   | Remote control                                                    |
| VSS7915/00T    | VS79155T      | Outdoor video intercom unit                                       |
| VSS7902/00T    | VS79025T      | Alarm/Action box                                                  |
| VCM7H272/00T   | VC7H2725T     | Outdoor camera assembly<br>VCM1353/00T + VCM7C272/00T / VC7C2725T |
| VCM1353/00T    | VCM1353/00T   | Outdoor housing                                                   |
| VCM1152/10T    | VCM1152/10T   | Indoor housing                                                    |

## EAZEO B/W 4-input switcher system



This black & white observation system provides an economic yet effective solution to basic security monitoring needs in homes and small businesses. The system is supplied as standard with one camera and can simply be extended to a maximum of four cameras. Multi-camera systems allow individual camera selection or automatic sequencing between cameras with variable dwell times.

The camera has a built-in microphone with audio output to the system monitor. An optional intercom box allows full two-way voice communication with the monitor.

The 1/3 inch format CCD camera has a light sensitivity of <0.1 lux for good picture quality in all light conditions.

Standard alarm input terminals allow connection to external sensors, for automatic camera activation on alarm from energy-saving stand-by mode.

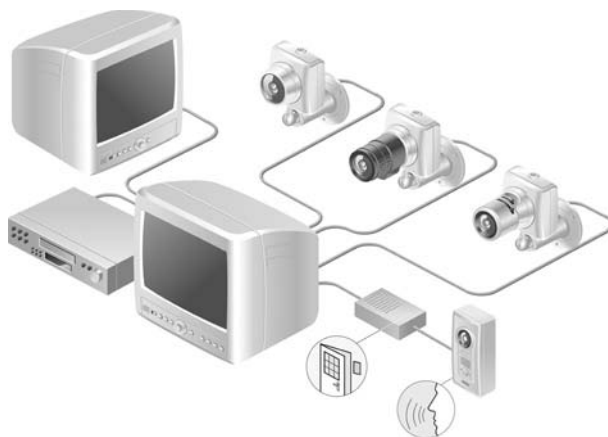
A 23 m (75 ft.) cable and all mounting accessories are supplied with the system, and the camera can be mounted at up to 300 m (985 ft.) from the monitor using optional extension cables. Installation is quick and easy, with only a single cable to be connected between the camera and monitor. Optional extras include a time lapse recorder, slave monitors and an action box to allow external units such as door and gate openers to be actuated.

For a full product overview see "Your guide to observation".

### Features

- Built-in sequential switcher for full-screen display from up to four cameras
- Easy to install and operate
- Camera includes built-in microphone and alarm input connection
- Excellent light sensitivity and high picture quality
- Includes 23 m (75 ft.) cable with connectors and mounting bracket

### Installation/Configuration Notes



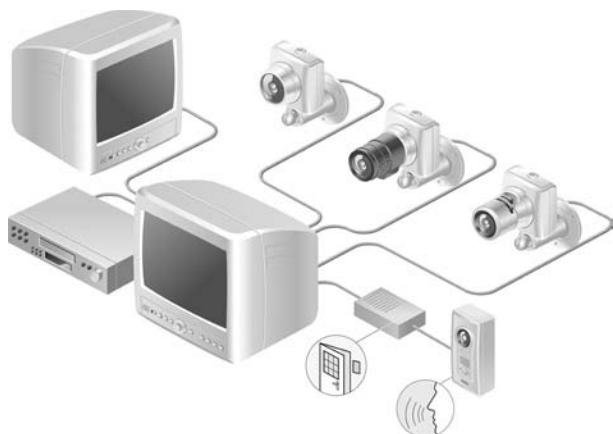
*Black & white observation system*

| Technical Specifications                 |                                                                                                                                        |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Switcher VSS2360 (CCIR) / VS23605T (EIA) |                                                                                                                                        |
| Camera selection                         | Full-screen display; manual selection or automatic sequencing of up to 4 cameras                                                       |
| Picture tube                             | 31 cm / 12.2 in.; 28 cm / 11 in. viewing area                                                                                          |
| Resolution                               | >500 TV lines                                                                                                                          |
| TV standard                              | CCIR, 50 Hz; EIA, 60 Hz                                                                                                                |
| Camera inputs                            | 4 (system interface)                                                                                                                   |
| Slave monitor output                     | 1 (system interface)                                                                                                                   |
| Audio                                    | One-way<br>(two-way with optional intercom box)                                                                                        |
| Microphone                               | Built-in electret                                                                                                                      |
| Alarm output                             | 3-pole screw block, NO/NC + common contact, 24 VDC, 2 A contact rating                                                                 |
| Next camera input                        | 2-pole screw block, normally open                                                                                                      |
| Controls                                 | Power switch                                                                                                                           |
|                                          | Talk                                                                                                                                   |
|                                          | Volume                                                                                                                                 |
|                                          | Brightness                                                                                                                             |
|                                          | Contrast                                                                                                                               |
|                                          | Action                                                                                                                                 |
|                                          | Freeze                                                                                                                                 |
|                                          | VCR playback                                                                                                                           |
|                                          | Camera selection                                                                                                                       |
| System connectors                        | RJ11E modular                                                                                                                          |
| VCR connectors                           | Video I/O: cinch (1 Vpp, 75 Ohm)<br>Audio input: cinch (0.5 Vpp, 10 kOhm)<br>Audio output: cinch (0.5 Vpp, 1 kOhm)                     |
| System cable                             | 4-wire dual twisted pair; standard 23 m / 75 ft., max. length 300 m / 985 ft. (600 m / 1970 ft. with optional cable extension adapter) |
| Power supply                             | 100 - 240 VAC, 50/60 Hz, 28 W max.                                                                                                     |
| Camera power supply                      | 24 VDC, short-circuit protected                                                                                                        |
| Dimensions (WxHxD)                       | 320x310x310 mm / 12.6x12.2x12.2 in.                                                                                                    |
| Weight                                   | 6 kg / 13.2 lbs.                                                                                                                       |
| Operational temperature                  | +10°C ...+45°C / +50°F ...+113°F                                                                                                       |
| Storage temperature                      | -25°C ...+70°C / -13°F ...+158°F                                                                                                       |

| Model       |          |                                                               |
|-------------|----------|---------------------------------------------------------------|
| CCIR        | EIA      |                                                               |
| VSS2360/00T | VS23605T | B/W switcher system with 1 camera, integrated 4 mm fixed lens |

| Options     |            |                                        |
|-------------|------------|----------------------------------------|
| CCIR        | EIA        |                                        |
| VCM8673/00T | VC86775T   | B/W camera, integrated 4 mm fixed lens |
| VCM8638/00T | VC86785T   | B/W camera, integrated 8 mm fixed lens |
| VSS4460/00T | VS44605T   | B/W slave monitor                      |
| VSS2901/00  | VSS2901/00 | Intercom box                           |
| VSS2902/00  | VSS2902/00 | Alarm box                              |
| VSS2905/00  | VSS2905/00 | Action box                             |
| VSS2904/00  | VSS2904/05 | Cable extension adapter                |

## EAZEO B/W 4-input quad system



The black & white quad observation system, supplied as standard with either one or four cameras, can be extended to up to four cameras with simultaneous real-time monitoring of images from all cameras. Alternatively any camera can be selected for full-resolution, full-screen display, if desired with automatic camera sequencing.

This system provides an economic yet effective solution to security monitoring needs in small and medium-size businesses, as well as schools, hotels, bars, stores and similar premises, and wherever multiple locations need to be monitored at the same time. The built-in EventReplay function provides a unique pre- and post-alarm viewing capability by digital storage and playback of what happened from four seconds before to four seconds after any event triggering a defined alarm signal.

The 1/3 inch format CCD camera has a light sensitivity of <0.1 lux for good picture quality in all light conditions.

Standard alarm input terminals allow connection to external sensors, for automatic camera activation on alarm from energy-saving stand-by mode. The camera has a built-in microphone with audio output to the system monitor. An optional intercom box allows full two-way voice communication with the monitor.

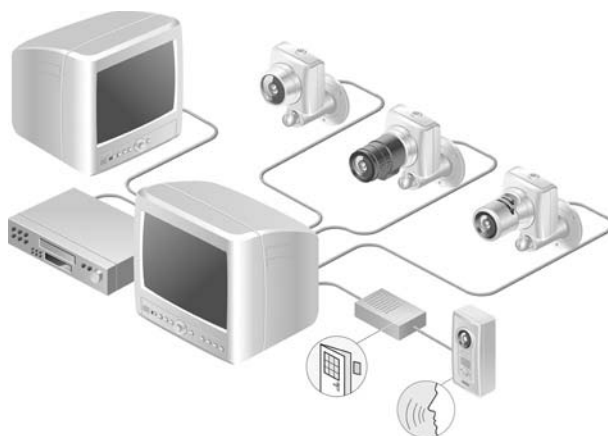
A 23 m (75 ft.) cable and all mounting accessories are supplied with the system, and the camera can be mounted at up to 300 m (985 ft.) from the monitor using optional extension cables.

Installation is quick and easy, with only a single cable to be connected between the camera and monitor. Optional extras include a time lapse recorder, slave monitors and an action box to allow external units such as door and gate openers to be actuated. For a full product overview see "Your guide to observation".

### Features

- Black & white real-time quad system with one or four cameras and audio function
- EventReplay digitally stores and plays back pre- and post-alarm images
- Easy to install and operate
- Camera includes built-in microphone and alarm input connection
- Excellent light sensitivity and high picture quality
- Includes 23 m (75 ft.) cable with connectors and mounting bracket

### Installation/Configuration Notes



*Black & white observation system*

| Technical Specifications             |                                                                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Quad VSS2364 (CCIR) / VS23645T (EIA) |                                                                                                                                             |
| Camera selection                     | Real-time quad display of up to 4 cameras; alternatively full-screen, full-resolution display with manual selection or automatic sequencing |
| Picture tube                         | 31 cm / 12.2 in.; 28 cm / 11 in. viewing area                                                                                               |
| Resolution                           | >500 TV lines                                                                                                                               |
| TV standard                          | CCIR, 50 Hz; EIA, 60 Hz                                                                                                                     |
| Frame rate                           | 25 frames/s (CCIR), 30 frames/s (EIA) real-time                                                                                             |
| EventReplay® storage                 | 16 images in 8 seconds                                                                                                                      |
| Camera inputs                        | 4 (system interface)                                                                                                                        |
| Slave monitor output                 | 1 (system interface)                                                                                                                        |
| Audio                                | One-way (two-way with optional intercom box)                                                                                                |
| Microphone                           | Built-in electret                                                                                                                           |
| Alarm output                         | 3-pole screw block, NO/NC + common contact, 24 VDC, 2 A contact rating                                                                      |
| Next camera input                    | 2-pole screw block                                                                                                                          |
| Controls                             | Power switch                                                                                                                                |
|                                      | Talk                                                                                                                                        |
|                                      | Volume                                                                                                                                      |
|                                      | Brightness                                                                                                                                  |
|                                      | Contrast                                                                                                                                    |
|                                      | Action                                                                                                                                      |
|                                      | Freeze                                                                                                                                      |
|                                      | VCR playback                                                                                                                                |
|                                      | Camera selection                                                                                                                            |
| System connectors                    | RJ11E modular                                                                                                                               |
| VCR connectors                       | Video I/O: cinch (1 Vpp, 75 Ohm)                                                                                                            |
|                                      | Audio input: cinch (0.5 Vpp, 10 kOhm)                                                                                                       |
|                                      | Audio output: cinch (0.5 Vpp, 1 kOhm)                                                                                                       |
| System cable                         | 4-wire dual twisted pair; standard 23 m / 75 ft., max. length 300 m / 985 ft. (600 m / 1970 ft. with optional cable extension adapter)      |
| Power supply                         | 100 - 240 VAC, 50/60 Hz, 28 W max.                                                                                                          |
| Camera power supply                  | 24 VDC, short-circuit protected                                                                                                             |
| Dimensions (WxHxD)                   | 320x310x310 mm / 12.6x12.2x12.2 in.                                                                                                         |
| Weight                               | 6 kg / 13.2 lbs.                                                                                                                            |
| Operational temperature              | +10°C ...+45°C / +50°F ...+113°F                                                                                                            |
| Storage temperature                  | -25°C ...+70°C / -13°F ...+158°F                                                                                                            |

| Models      |          |                                                                     |
|-------------|----------|---------------------------------------------------------------------|
| CCIR        | EIA      |                                                                     |
| VSS2364/00T | VS23645T | B/W quad switcher system with 1 camera, integrated 4 mm fixed lens  |
| VSS2364/C4T | VS23645P | B/W quad switcher system with 4 cameras, integrated 4 mm fixed lens |

| Options     |            |                                        |
|-------------|------------|----------------------------------------|
| CCIR        | EIA        |                                        |
| VCM8673/00T | VC86775T   | B/W camera, integrated 4 mm fixed lens |
| VCM8638/00T | VC86785T   | B/W camera, integrated 8 mm fixed lens |
| VSS4460/00T | VS44605T   | B/W slave monitor                      |
| VSS2901/00  | VSS2901/00 | Intercom box                           |
| VSS2902/00  | VSS2902/00 | Alarm box                              |
| VSS2905/00  | VSS2905/00 | Action box                             |
| VSS2904/00  | VSS2904/05 | Cable extension adapter                |